Installing Audio Rack

This sound card comes with Audio Rack application. To install this software application, simply run **SETUP.EXE** in the appropriate directory for the following Operating System.

1. Windows 98/95 - */CMEDIA/CMI8738SX/W95-98/APP/SETUP.EXE*
2. Windows 2000 - */CMEDIA/CMI8738SX/W2K/APP/SETUP.EXE*
3. Windows NT4.0 - */CMEDIA/CMI8738SX/NT40/APP/SETUP.EXE*

User's Manual

CMedia CMI8738SX PCI Sound Card

CMI8738SX

PCI SCCM 8738

driver cdrom version 13

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About the sound card

This sound card is based on the CMedia (CMI8738SX) 32-bit PCI high performance audio controller. This sound card is compatible with all major PC sound standards, including Sound Blaster™, Genuine OPL3, Microsoft Windows Sound System™ and more. It provides an integrated sound solution for business audio, educational and entertainment sound and other multimedia applications.

Features

- Complaint to PCI Version 2.1 Bus Master and Advanced Power Management (PPMI) specification.
- Legacy audio Sound Blaster 16™ compatible.
- HRTF-based 3D positional audio, supporting Microsoft DirectSound™ 3D and A3D™ interface.
- Supports rear side speakers, C3DX positional audio in 4-channel speaker mode.
- DLS-based wavetable music synthesizer supports DirectMusic™.
- Complaint to Microsoft PC98 specification.
- Build-in 16-bit full duplex CODEC.
- Supports Full-Duplex operation for simultaneous recording and playback such as Internet Phone.
- True Full Duplex playback and capture with different sampling rate of up to 48KHz stereo.
- Built-in dual analog/digital game port and MPU401 compatible UART.
- Four Audio Jacks - Line-In, MIC, Rear-Out & Front-Out.

What is in your package?

You should have the following items in your package:

- One PCI sound card
- One User's Manual
- One Driver CD

Installing the sound card in your computer

1. Turn off your computer and all devices connected to it.
2. Remove the computer's cover. Refer to your computer user's manual for more details.
3. Find an unused PCI slot and remove the metal bracket. Save the bracket screw for later use.
4. Align the sound card horizontally with respect to the PCI slot and insert it into the slot firmly and evenly. Take care not to force it into the slot. Once you have properly positioned the sound card into the slot, secure the sound card with the bracket screw you have saved.
5. If you have a CDROM drive in your system, you should have been supplied with an audio cable with the CDROM drive, for taking the Audio-Out signal from the CDROM drive to the sound card. Connect the audio cable to the appropriate CDROM connector of the sound card.
6. Replace the computer's cover.
7. Connect your speakers or headphone to the Front-Out jack of the sound card. If you have another pair of speakers, you can connect it to the Rear-Out jack for 4-Channel Speaker Mode.
8. Turn your computer on. You are now ready to install the driver!

Driver Locations

All the drivers for this sound card are located in ***CMEDIA*****CMI8738SX**\ directory of the Driver CD.

Installing Windows 98/95 Driver

This sound card supports Plug & Play features which makes installation in Windows 98/95 system fast and easy.

1. Start Windows 98.
2. Windows 98 Plug-and-Play features will automatically detect the sound card.
3. At this point, insert the Driver CD into the CDROM drive and click on the **Next** button.
4. The Add New Hardware Wizard will search for the sound card driver. Choose the "**Search for the best driver for your device (Recommended)**" option and click the **Next** button.
5. The Add New Hardware Wizard will prompt you for the location of the sound card driver. Choose "**Specify a location:**" and click the **Browse** button to continue.
6. At the Browse for Folder window:
   - Select your CDROM drive.
   - Double click on the **WIN95-98** folder.
   - Double click on the **DRV** folder.
   - And finally, click on the **OK** button.
7. At the Add New Hardware Wizard window, click the **NEXT** button to continue installing the sound card driver. Follow the instructions presented on your screen to complete installation.

Installing Windows 2000 Driver

1. Start Windows 2000.
2. Windows 2000 will inform you that it has found the sound card. Click the "***Next***" button to continue.
3. Select "**Search for a suitable driver for your device (Recommended)**" and click on the "**Next**" button.
4. Insert Driver CD into the CDROM drive. Select "**CDROM**" and click the "***Next***" button to continue.
5. Windows 2000 will automatically locate the driver in the Driver CD. Click the "***Next***" button to continue.
6. Click on the "***Finish***" button to start copying files from driver diskette.
7. Follow the instructions to finish up the drive installation.

Installing Windows NT 4.0 Driver

1. Start Windows NT and go to **Control Panel**.
2. Double click on the **Multimedia** icon.
3. At the Multimedia window, click on the **Devices** tab.
4. Inside the Devices window, click on the **Add** button.
   - Select **Unlisted or Update Driver**.
   - Click on the **OK** button.
5. Insert the Driver CD into your CDROM drive.
6. Click on the **Browse** button in the Install Driver window.
7. Select your CDROM drive in the Browse window.
8. The Folder window will show several folders on the Driver CD.
   - Double click on the **NT40** folder.
   - Double click on the **DRV** folder.
   - And finally, click on the **OK** button.
9. Select the appropriate driver and click the **OK** button. Follow the instructions presented on your screen to complete installation.